A/S Rly 16/5

AEE/KSD/SBR/51/15-16 dt 05/5/15

Original/Duplicate/Triplicate
CONTRACT CERTIFICATE

(For Other Works)

No. **First & Final** Date……..2015

Division: **Byatarayanapura** Sub-Division: **Kodigehalli**

Bill Received No. 62 Dated 16-5-15 Divisional Cash Book Voucher No…….. Dated…….

Sub Divisional **Work Code: 008-15-000066**

Schedule Docket No. Head of Account: P3055 Est.Cost: 10.00 Lakhs D.R.No. :

Name of Work (as per sanctioned estimate : **Improvements to cross roads of Kodigehalli Village in ward no. 08**

Name of Contractor and Full Address: **Sri. R MADHUSUDAN Contractor #830, 5th Block, BEL layout Vidyaranyapura Bangalore-97.**

Reference to Agreement No.EE/BTP/EPT/W.O/ 325 /2014-15 /Indent no: **16702** Date:24-02-2015

Certified that the measurements were taken by me on 19/2, 21/3, and recorded of Pages**258408 to415** of measurement Book No.**2585 /2014-15** and that the work is satisfactorily executed. 26/3, 10/4.

Contractor **Officer-in-charge of work**

Certified that the measurement were taken by me on 10/04/2015……and found correct. The work is satisfactorily executed.

Certified that the quantities of materials shown in column 3 of Account have been actually brought to site of the work and the contractor has not previously received any advance on this security. These materials are of and imperishable nature and are all required for immediate use on the work in connection with items for finished work have been agreed upon. A normal agreement signed and executed by the contractor is recorded in the office.

Sub-Division Officer

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಕೊಡಿಗೇಹಳ್ಳಿ ಉಪವಿಭಾಗ
ಯಲಹಂಕ ವಲಯ, ಬಿ.ಬಿ.ಎಂ.ಪಿ
ಬೆಂಗಳೂರು - 560092

II Memorandum of Payment

1)	Total value of work done or supplies made as per account within	
2)	Deduct amount to be held in reserve being ……percent Rs…….	
3)	Balance	
4)	Deduct Payment:	
	a) Amount of previous payment as in the Office Cash Book Voucher No……Dated……S.D. No……. Amount adjusted towards cash advance recovery of	1st & Final Bill 9,51,530-00
	b) Payments Now made } cost store or other material supplied. recovery of amount creditable to this/other work Amount paid on this bill Cheque / Cash.	IT 9515 — VAT 38061 — ESD 52334 — WC 9515 — CGP 952 — Roy 15272-00
5)	Balance being unpaid value of work done held in reserve.	
6)	Deduct cash advance made on the Office cash Book Voucher No…… dated……less adjustments.	
7)	Net amount due to or from Contractor unadjustments items.	Total ded 125654-00
8)	Advance to Contractor for materials brought to site (as detailed) within.	
9)	Value of Government materials supplied.	
	Total amount adjusted -	By Cheque 8,25,876-00

Contractor's Signature

Received Rs…….. (in words)…….

……

by cash and by adjustment of Payment as per memorandum 9,51,530-00

(in final settlement of all demands) (For use in the Office)

125654-00

Witness

1.

2.

Dated Signature of Contractor

Paid by me by Cheque No……Dated 8,25,876-00

Cash Rs……..

Dated……

Initials of Officer making payment

Stamp

Executive Engineer

10/11

Sl. No.	Items grouped under sub-Heads and Sub-Works of the Estimate	Unit
1	Removing B.S Slab of Drain and stacking including cost of all labour, HOM of machineries etc complete as per specifications and directions of engineer in charge of the work	sq.
2	Refixing stone slabs of drains and pointing in C.M (1:3)	sqm
3	Earth work excavation by manual means in ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods etc complete as per specifications and directions of engineer in charge of the work	Cum
4	Providing and laying in position plain cement concrete of mix 1:4:8 with OPC cement @ 180 kgs with 40mm and down size graded granite metal coarse aggregates @ 0.85cum and fine aggregares @ 0.57 cum machine mixed, concrete laid in layers not, exceeding 15cms, thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specifications	Cum
5	Providing and constructing granite / trap / basalt size stone masonry in superstructure with cement mortar 1:6, edges of stones chistle dressed in courses not less than 15 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications	Cum
6	Providing ruled pointing to coursed stone masonry with cement mortar 1:4, 20 mm deep, after raking joints to depth of 20mm nicely lining, including cost of materials, labour, curing complete as per specifications cement mortar 1:4	sqm
7	Providing and laying in position plain cement concrete of mix 1:2:4 with cement @ 240 kgs with 20mm and down size graded granite metal coarse aggregates @ 0.878 cum and fine aggregates @ 0.459 cum, machine mixed, concrete laid in layers not exceeding 15cms, thick, well compacted, in foundation, plinth and cills, including cost of all materials, labour, HOM of machinery, curing complete as per specifications	Cum
8	Providing and laying in position reinforced cement concrete of design mix M20 with OPC cement @ 320 kgs, with 20mm and down size graded granite metal, coarse aggregates @ 0.878 cum and fine aggregates @ 0.459 cum with superplastisiser @ 3lts confirming to IS 9103-1999 reaffirmed-2008 machine mixed, concrete laid in layers not exceeding 15cms thick, vibrated for all works in foundation plinth and ground floor level for roof slabs, staircase, lintels, retaining walls, walls (any thickness) including attached plasters, column, piers, abutments, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window cills, fillets etc, including cost of all materials, labour, HOM of machinery, curing, complete as per specifications	Cum
9	Providing mild steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost pf materials, labour, HOM of machinery complete as per specifications	Qtl
10	Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for vertical surface such as walls at any thickness, including attached pilasters, buttresses, plinth and string courses cost of all materials, labour complete as per specifications	sqm
11	Scarifying existing stone metal layer upto 75mm thick along with their bituminous surface, picking up scarified materials and stacking of old serviceable materials with lead of 100m, sequential spreading of the salvaged aggregates with fresh aggregates on prepared base and consolidating as per water bound macadam specifications including cost of all labour, HOM of machineries etc complete as per specifications and directions of engineer in charge of the work	Sqm
12	Providing, laying, spreading and compacting graded stone aggregate to wet mix macadam specification including premixing the Material with water at OMC in mechanical mix plant carriage of mixed Material by tipper to site, laying in uniform layers with paver in sub-base / base course on well prepared surface and compacting with vibratory roller to achieve the desired density etc complete as per specifications and directions of engineer in charge of the work	Cum
13	Cleaning the existing WBM road surface including removing of binding materials and other foreign matter with wire bushes and small picks, sweeping with brooms or soft brushes and finally dusting with old gunny bags and / or compressed air to receive bituminous treatment including cost of all materials, labour, HOM of machineries, curing etc complete as per specifications and directions of engineer in charge of the work	Sqm
14	Providing and applying primer coat for surfaces of medium porosity like cement stabilized soil base @ 1.10 Kg/Sqmt over prepared surface with S.S bitumen emulsion using bitumen tanker fitted with spray set (excluding cleaning of road surface) including cost of all material, labour HOM of machineries etc complete as per specifications and directions of engineer in charge of the work	Sqm
15	Cleaning the existing black topped surface with brooms, soft brushes and finally dusting with old gunny bags and / or compressed air to receive bituminous treatment including cost of all materials, labour, HOM of machineries complete as per specifications	sqm
16	Providing and applying tack coat using 80/100 grade bitumen (VG10) on the prepared black topped surfaces at 2.5 kg per 10 sqm, heating bitumen in boiler fitted with spray set (excluding cleaning of road surface) including cost of all material, labour HOM of machineries complete as per specifications	sqm

Previous Measurement		Present Measurement			Total Upto Date		Remarks
Qty.	Cost	Qty.	Rate Rs. P.	Amount	Qty	Cost	
-	-	778.8	58.0	**45170.40**	778.8	45170.40	
-	-	739.86	75.0	**55489.50**	739.86	55489.50	
		235.35	75.0	**17651.25**	235.35	17651.25	
		3	4847.0	**14541.00**	3	14541.00	
		8.64	4773.0	**41238.72**	8.64	41238.72	
		14.4	92.0	**1324.80**	14.4	1324.80	
		2.4	5327.0	**12784.80**	2.4	12784.80	
		3.78	6065.0	**22925.70**	3.78	22925.70	
		2.65	7975.0	**21133.75**	2.65	21133.75	
		11.74	292.0	**3428.08**	11.74	3428.08	
		272.5	82.94	**22601.15**	272.5	22601.15	
		54.5	1438.0	**78371.00**	54.5	78371.00	
		225	12.0	**2700.00**	225	2700.00	
		225	74.52	**16767.00**	225	16767.00	
		1494	3.0	**4482.00**	1494	4482.00	
		1494	18.74	**27997.56**	1494	27997.56	

17	KSRRB M500-18: Providing and laying semi dense bituminous concrete using crushed aggregates of specified grading, premixed with bituminous binder and filler, transporting the hot mix to work site, laying with a paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem roller to achieve the desired compaction as per MORTH specifications clause No. 508 complete in all respects as per specifications. using 100-120 TPH capacity H.M.P with sensor paver grading II (25-30mm) with 5% CRMB-55 grade, etc complete as per specifications and directions of engineer in charge of the work	Cum
18	Road Marking with Hot Applied Thermoplastic Compound with Reflectrising Glass Beads on Bituminous Surface:- Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads at 250 gms per sqm area, thickness of 2.5 mm is exclusive of surface applied glass beads as per IRC:35. The finished surface to be level, uniform and free from streaks and holes complete as per specifications.	sqm
19	Lead for Disposal of Debris shall be payable at carriage rates by Mechanical means inlcuding loading and unloading. From 0.00 to 2.00 Km etc complete as per specifications and directions of engineer in charge of the work	Cum
	Total	

Certificate

1 Certified that the above work done satisfactory and no materials issued from departmentally

		49.38	11070.0	546636.60	49.42	546636.60	
		70.8	475.0	33630.00	70.8	33630.00	
		223.58	73.0	16321.34	223.58	16321.34	
				985194.65		985194.65	

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ಕೊಡಿಗೇಹಳ್ಳಿ ಉಪವಿಭಾಗ
ಯಲಹಂಕ ವಲಯ, ಬಿ.ಸಿ.ಎ.ಪಿ
ಬೆಂಗಳೂರು - 560 092